
Efficient Movement of Goods

*Tangible Result Driver – Dave DeWitt,
Director of Administrative Services*

Missouri's location in the nation's center makes it a major cross-roads in the movement of goods. Transportation infrastructure must be up to the task so that as the flow of freight becomes more efficient, businesses and communities share the economic benefits.



Efficient Movement of Goods

Freight tonnage by mode

Results Driver: Dave DeWitt, Director of Administrative Services

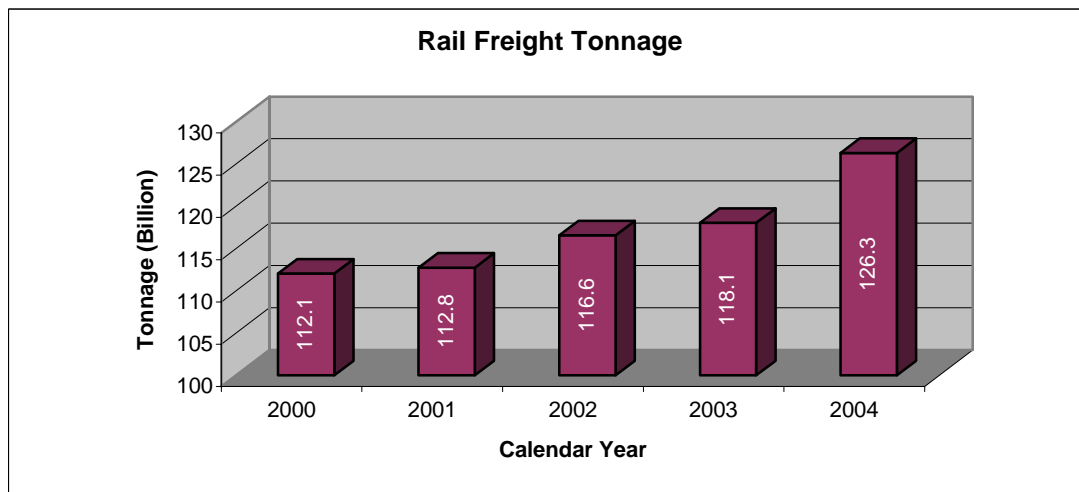
Measurement Driver: Kyle Kittrell, Transportation Planning Director

Purpose of the Measure:

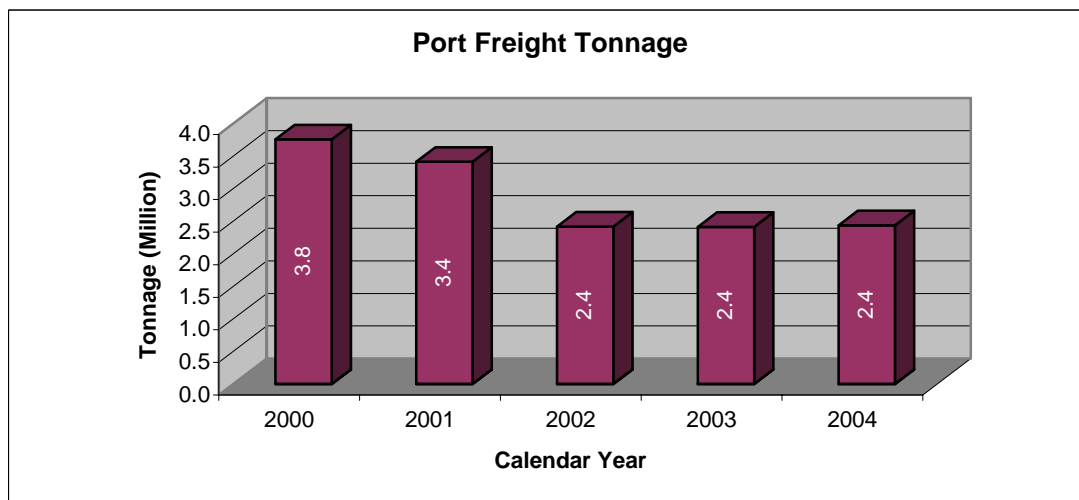
Data will track trends and indicate diversification of freight movement on Missouri transportation system.

Measurement and Data Collection:

Freight volume is reported to MoDOT by railroads and ports. Air cargo data is collected via mail survey to commercial airports with known cargo activity. Freight movement by motor carrier is not currently available at a reasonable cost.

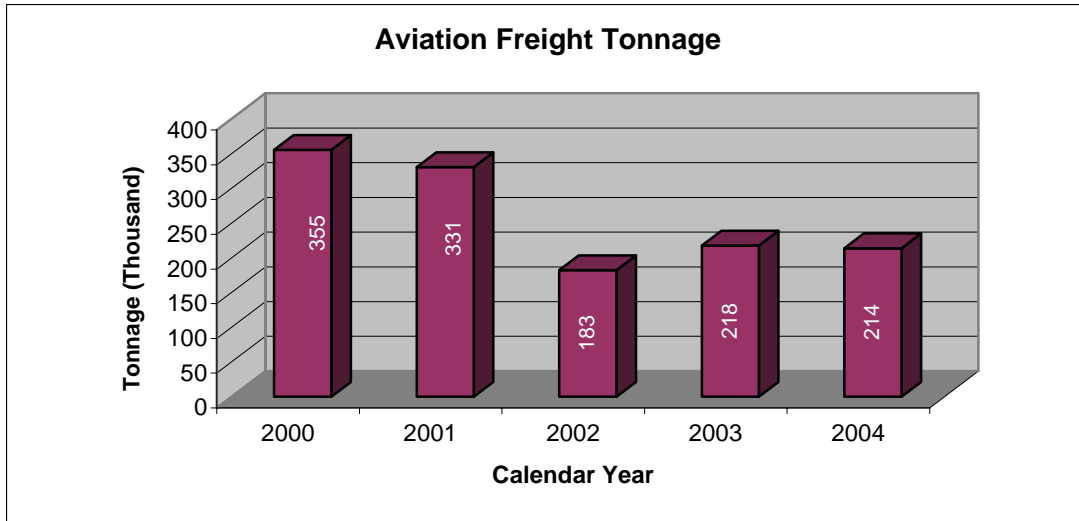


**Desired
Trend:**

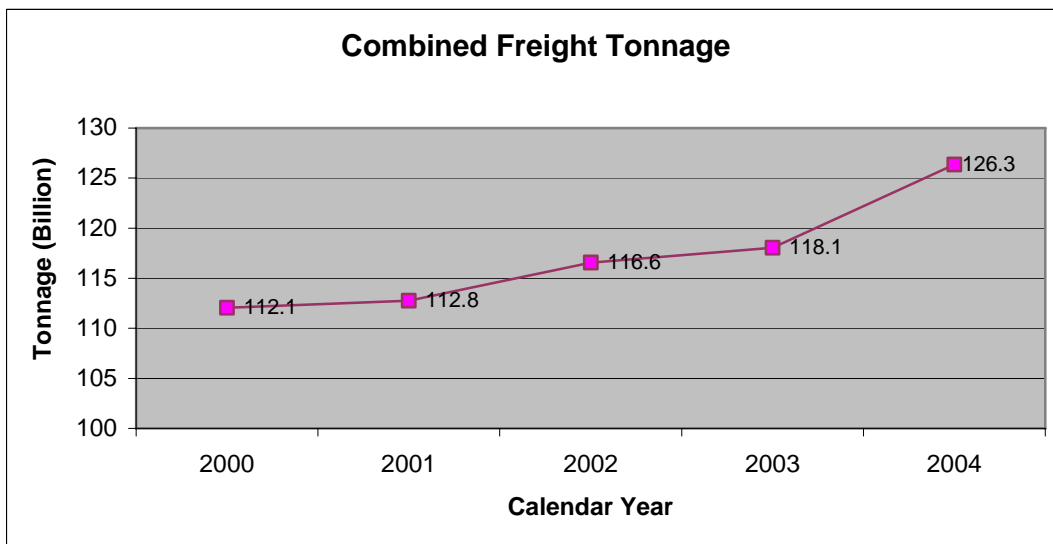


**Desired
Trend:**





**Desired
Trend:**



**Desired
Trend:**

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Percent of trucks using advanced technology at Missouri weigh stations

Results Driver: Dave Dewitt, Director of Administrative Services

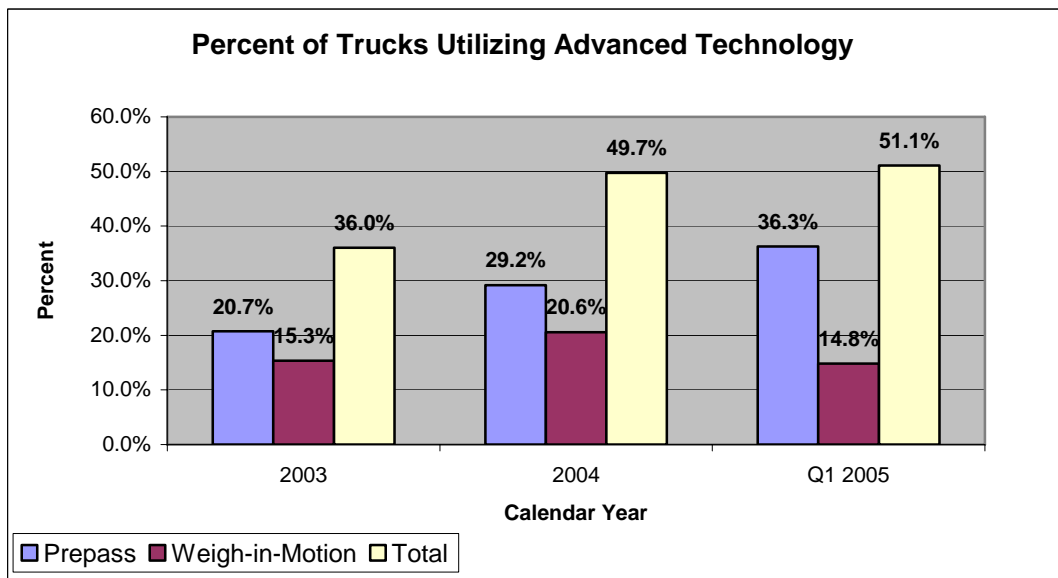
Measurement Driver: Jan Skouby, Motor Carrier Services Director

Purpose of the Measure:

This measure indicates motor carriers' acceptance of tools designed to improve the flow of freight traffic on Missouri highways.

Measurement and Data Collection:

Data is collected by the PrePass system computers and by the Missouri State Highway Patrol. Trucks that use PrePass are scanned as they approach 19 Missouri weigh stations. Sensors check the vehicle's weight as computers scan MoDOT's records to determine the carrier's compliance with safety, insurance and state and federal regulations. Drivers are notified to stop or are allowed to continue without delay. Carriers that comply with state and federal regulations save time and money. The Missouri State Highway Patrol provides an annual measure of the number of trucks that use Missouri's weigh-in-motion scales located at Mayview and Foristell. These scales measure weight as trucks pass over them at 40 m.p.h. Using them rather than scales that require a full stop saves both time and money.



**Desired
Trend:**



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Percent of satisfied motor carriers

Results Driver: Dave DeWitt, Director of Administrative Services

Measurement Driver: Jan Skouby, Motor Carrier Services Director

Purpose of the Measure:

This measure will track MoDOT's progress toward the goal of expeditiously meeting the needs of the motor carrier industry and facilitating freight movement.

Measurement and Data Collection:

Motor Carrier personnel, in collaboration with Missouri Transportation Institute, are currently developing a customer survey and methodology to collect information on customer satisfaction with Motor Carrier operations. It is anticipated that the effort will begin by using a mailed survey. An additional web-based component will be added as the Motor Carrier system becomes fully automated. Data collection will begin June 2005.

**Measure is Under
Development**

Efficient Movement of Goods

Average wait time spent by customers obtaining Over Dimension /Over Weight permits

Results Driver: Dave DeWitt, Director of Administrative Services

Measurement Driver: Jan Skouby, Motor Carrier Services Director

Purpose of the Measure:

This measure will track MoDOT's success in minimizing the time it takes motor carriers to obtain permits that allow them to haul loads that are taller, wider or heavier than those regularly permissible on Missouri highways.

Measurement and Data Collection:

Data Collection will be gathered upon implementation of the web-based system in September 2005. Data to be reported in the January 2006 Tracker .

**Measure is Under
Development**

Efficient Movement of Goods

Average travel time for trucks on selected sections of roadways

Results Driver: Dave DeWitt, Director of Administrative Services

Measurement Driver: Eileen Rackers, State Traffic Engineer

Purpose of the Measure:

This measure helps determine whether travel times are increasing or decreasing on selected sections of roadways. Increasing travel times are an indication of congestion and poor performance of the system.

Measurement and Data Collection:

Various methods of data collection are currently used, including vehicular installed travel time software, calculation based on average speed data provided at continuous Automatic Traffic Recorder sites, and a Statewide Evaluation of Intelligent Transportation Systems report by the University of Missouri-Columbia. Additional partnerships and technologies are also being investigated, such as collecting this data through our partnership with Mobility Technologies, Inc. in District 6, using cellular phones as anonymous traffic data probes, and collecting this data through our Advanced Traffic Management System software at the Traffic Management Centers in Districts 4, 6 and 8. Existing baseline travel times are provided on the limited number of segments with available data.

